

INSPECTION REPORT



Maricopa County Air Quality Department
1001 N. Central Avenue, Suite 125
Phoenix, AZ 85004
Phone: (602) 506-6010 Fax: (602) 506-2537
www.maricopa.gov/eq

Date: 11-Feb-15
Start Time: 0745 hrs End Time: 0915 hrs
Inspector: Shannon Klimek #92
Phone: 602.527.6288
Email: KlimekS@mail.maricopa.gov

Permit Number:

140062

Hickman's Egg Ranch, Inc.

6515 S. Jackrabbit Trail

Buckeye

AZ 85326

Inspection Result

No Violations Noted

Inspection Type: Partial Inspection On-site

Inspection Purpose: Test Witness

Site Name: Hickman's Egg Ranch, Inc.

Site Contact: Frank Ruiz, Shari Yeatts, Kevin Whitehurst

Site Address

City:

Phone:

Inspection Rights Notification

41625 W. Indian School Rd.

Tonopah, AZ

623.764.3878

Comments

TEST WITNESS:

On February 11, 2015; I attended the facility's compliance demonstration required by permit condition 2 a. by conducting a test to monitor hydrogen sulfide levels within 90 days of the issuance of Rev.0.0.0.0 of this permit. The permit was issued on November 17, 2015 and the due date for this compliance demonstration was February 15, 2015.

Permit Condition 2 states the compliance demonstration shall be performed at a location representing the nearest occupied place beyond the premises on which the source of hydrogen sulfide is located.

On Wednesday, February 11, 2015; I met on site with Safety & Health Coordinator, Frank Ruiz; Compliance Manager, Shari Yeatts; and Kevin Whitehurst of Hickman's Egg Ranch, Inc. Mr. Whitehurst conducted each of the tests.

Mr. Whitehurst stated the testing device was a Jerome Meter for the measuring of Hydrogen Sulfide which was owned by the facility since July 2014. Mr. Whitehurst stated the Jerome Meter required calibration annually and was last calibrated in July 2014.

I was present for each of the readings collected. The locations the readings were collected were wither compliant with, or exceeded the requirement for reading at location representing the nearest occupied place beyond the premises. In most cases, the location was on the premises -- in particular, the readings near the layhouses. However, the readings on the south and west sides of the property were all on the property.

I observed the waste water from the egg-washing was only present in the north containment basin, and was not in need of skimming at the time of this test.

I observed not all layhouses were housing livestock at the time of the test as the facility is still being constructed.

Ms. Yeatts stated a similar congruent test will be occurring the following day; Thursday, February 12, 2015 because the belts are scheduled to operate only on Tuesday, Thursday, and Saturday of each week, and the source wants the test to also represent the days the manure belts are operating.

I informed Ms. Yeatts the Department would be grateful for a copy of the test results for both days. Ms. Yeatts arranged to submit the results to the Department directly to me via email by Friday, February 13, 2015.

On February 20, 2015; Ms. Yeatts submitted the test report and the facility's Hydrogen sulfide Testing SOP to me via email. I reviewed the documents and emailed my comments. Ms. Yeatts arranged to resubmit.

On February 22, 2015; Ms. Yeatts submitted the final test report and Hydrogen sulfide SOP via email. The submitted results contain a notation that all readings were done in the presence of a Maricopa County representative. I was only present at the readings conducted on February 11, 2015.

INITIAL READING FOR HYDROGEN SULFIDE IN ACCORDANCE WITH THE MARICOPA COUNTY AIR PERMIT -

This is a guide site map is NOT to scale - Maricopa Operation Permit Requires readings of < 030 - *ON Property Line*

2/12 - NE Prevailing WINDS WITH MANURE BELT OPERATIONS ACTIVE

2/11- NO WIND, CALM DAY WITH NO MANURE OPERATION

W **2030**

2/12 -004 -2/11- 005

2/12 -002 -2/11- 002

2/12 -003 -2/11- 001

2/12 -004 -2/11- 002

NE CORNER
OF PROPERTY

SE CORNER
OF PROPERTY

Inside Property Line -
Field / Crops

2/12 -006 -2/11- 003

2/12 -004 -2/11- 004

2/12 -004 -2/11- 002

Standing
behind - 2&3

*2/11/5
.01*

2/12 -003 -2/11- 006

2/12 -003 -2/11- 006

2/12 -002 -2/11- 002

Indian School Rd

Main Entrance

2/12 -006 -2/11- 003

Processing
Plant

2/12 -013 -2/11- 006

2nd Entrance

2/12 -004 -2/11- 003

2/12 -002 -2/11- 003

2/12 -006 -2/11- 002

SW CORNER
OF PROPERTY

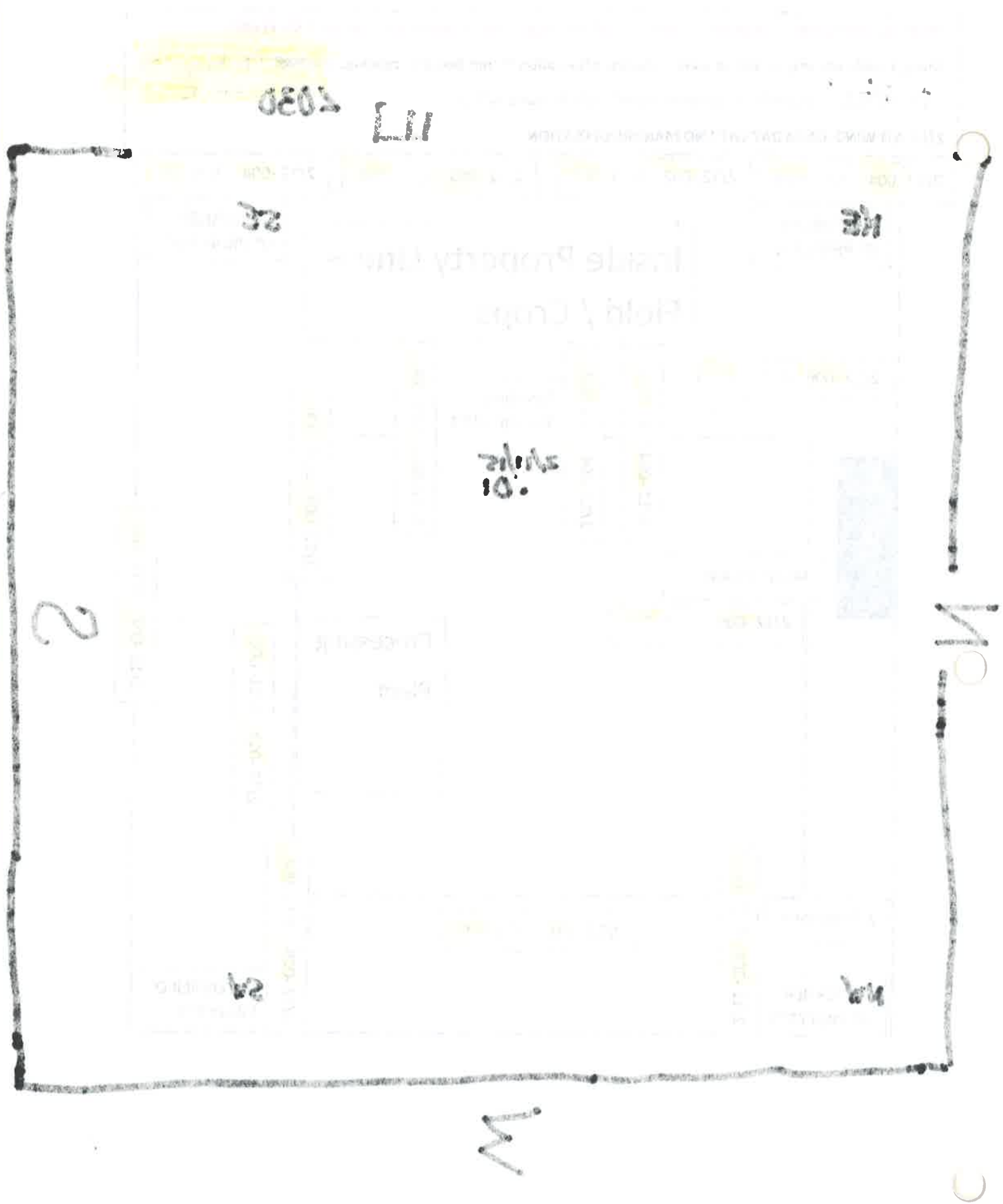
SW CORNER
OF PROPERTY

N

S

3

* All readings are done in the presence of Maricopa County representative.



* All readings are done in the presence of
Maricopa County Representative.

Shari Yeatts

From: Shari Yeatts
Sent: Friday, February 20, 2015 2:14 PM
To: Shannon Klimek - AQDX; Frank Ruiz; Kevin Whitehurst
Cc: Bryan Mandalfino - AQDX
Subject: RE: Tonopah Environmental Testing and Inspection Reports

see below for response

Shari Yeatts
Compliance Manger
623-872-2358- office
623-692-8451

From: Shannon Klimek - AQDX [Klimeks@mail.maricopa.gov]
Sent: Friday, February 20, 2015 2:05 PM
To: Shari Yeatts; Frank Ruiz; Kevin Whitehurst
Cc: Bryan Mandalfino - AQDX
Subject: FW: Tonopah Environmental Testing and Inspection Reports

Shari,

Shari,

Thanks for your help!

I have questions as follows:

- 1) Regarding directions on your diagram. Do you have your West and East reversed? I suggest a compass rose or North arrow. Yes I do, I will revise Monday and resend
- 2) On 11FEB2015 I remember Kevin obtained a reading of 0.01 East of and between layhouses 2 and 3, why is that value not delineated on the diagram? - I see it in the diagram
- 3) On the attached H2S SOP, it references permit 040136. Are these the results for the Tonopah facility or the Arlington Facility? - These are for Tonopah the SOP is for both sites
- 4) Some text boxes might be shifted on the diagram on account I have different printer setup i.e. The header text is obscured by the diagram. May I suggest final diagram be made static to avoid this? The following is what I see.... - I will resend in a PDF once I revise on Monday

[cid:image008.jpg@01D04D16.51CA8330]

Sincerely,

Shannon Klimek

Air Quality Inspector, Badge #92

Maricopa County Air Quality Department

1001 N. Central Avenue, #125 | Phoenix, AZ 85004 Located at the Central Ave. & Roosevelt METRO
Top Cell 602.527.6288 | CleanAirMakeMore.com

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[cid:image004.png@01CED4C2.209961F0] <<http://www.maricopa.gov/aq/>>

[cid:image005.jpg@01CED4C2.209961F0] <<http://fluidsurveys.com/surveys/maricopagov/customer-service-feedback/>>

-----Original Message-----

From: Shari Yeatts [mailto:syeatts@hickmanseggs.com]

Sent: Friday, February 20, 2015 1:21 PM

To: Shannon Klimek - AQDX; Bryan Mandalfino - AQDX

Cc: Frank Ruiz; Kevin Whitehurst

Subject: FW: Tonopah Environmental Testing and Inspection Reports

Here are the results and the SOP

- The Ammonia and Hydrogen Sulfide SOP
- The initial Hydrogen Sulfide results to comply with Maricopa Air Quality Permit

Please call me if you have any questions or need anything else, I am happy to help in any way!

Shari Yeatts

Compliance Manager



6515 S. Jackrabbit Trail Buckeye, AZ 85326
Hydrogen Sulfide SOP

Scope

- Procedure applies to all Hickman's Family Farms properties, is to ensure property has less than 0.030 PPM of Hydrogen Sulfide

Responsibility

- It is the responsibility of the Food Safety Analyst to coordinate this procedure. The Food Safety Analyst will ensure Compliance Manager and necessary members of upper management are notified of higher levels of Hydrogen Sulfide are obtained.

Frequency

- Sampling will occur monthly and as requested

Procedure

- The day before sampling, the Jerome 631-X will be plugged in to charge the battery
- The day of testing, the Jerome 631-X will be zeroed and put through "Regen"
- Wait a half hour to allow the internal filters to cool down
- At sampling site- double check that the meter is still zeroed.
- Press sample, record results on Results paper
- After all results are obtained, record results in the file named 2014 Gas and 2015 Gas

Corrective Action

In the event that a sampling is out of compliance, the Food Safety analyst will resample a half hour later. If the retest comes back above compliant levels, the VP of Operations, Billy Hickman will be called and briefed of the situation. Arizona Department of Environmental Quality will be notified and a compliance plan will be submitted within one business week. The compliance plan will include:

- Technological Evaluations of additional odor control alternatives at the plant
- Additional monitoring and/or air dispersion modeling to determine property line concentration of hydrogen sulfide based on the implementation of selected odor control alternatives
- Conceptual design and preliminary cost estimate for the proposed odor control alternatives
- Schedule for design and construction of the proposed odor control alternatives
- Description of recommended actions

Records

- 2014 Gas
- 2015 Gas

Reference Material

- Air Quality Permit to Operate and/or Construct
 - permit number 040136
 - permit number 140062

I have reviewed all steps of the Environmental Air Sampling SOP and clearly understand my responsibilities herein.

Shari Yeatts _____
(Compliance Manager)

Initials _____

Kevin Whitehurst _____
(Food Safety Analyst)

Initials _____



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Shari Yeatts
(Compliance Manager)

Initials

Kevin Whitehurst
(Food Safety Analyst)

Initials

